

SOUTH PRODUCTION NOTES

June 30, 2016

7-3 Shift Notes

BASF EMPLOYEES

213 Last Recordable

280 Last Lost time

Title V Notes: Trimer – back up and running. Cleaned flow probes on afternoon shift. ORP was lowered to -390 due to running #1.

Keep an eye on the stack.

F1 – back up and running. Sheaves and belts have been ordered in case we have any more issues. **We need to drain half a tote from F1 per day on 2nd shift to get rid of Moly.** Need a sample of the sump taken on afternoon shift everyday on afternoon shift, and the sump pumped.

CTO – is running but off line due #3 not running

Please keep the B31 sump locked out. We need to watch sump closely and sample every shift so we don't overflow. Had issues with it filling quickly during pfaudler cooling.

There is an intermittent issues with one of the NOx/CO sensors that keeps tripping out the system. Please keep an eye on it. WOW

#1 MED / AI 5645:

Continue making batches.

WOW to adjust osc belt, but we are ok to continue running.

We are ok to build up feed. Bodmann is going to increase the rate on the calciner and we will need to run most shifts.

Grease the end seals each shift.

#1 RC / AI 5645 next:

Continue feeding, keep feed rate at 450 to 500.

Started feeding at ½ the MOD rate to ease the trimer in. This product has a lot of Nitric in it, so we need to keep a close eye on the trimer while running #1 and #4 together.

#2 MED line / Styrene:

Justin would like to install some blanks in the extruder to see if we can increase the strength. Plan to restart Thursday 1st shift so Justin can observe.

Spreader belt work was finished on day shift.

The replacement pallet jack is in shipping and we can bring it up to dept.

We need to clean the pallet jack we borrowed from LIB and have Bob Urig inspect it.

Plows were inspected and look good.

When we double stack the material put an extra pallet in between so people don't accidentally fork the top of the bags.
Green drums are the only drums to have dry ice put into them.

#2 RC / Styrene:

Calciner is running. 4 bags of feed on the floor.

Feed bags in batch order.

We need to drain half a tote from F1 per day to get rid of Moly.

#3 MED line / D 0717 Flush:

Started making the 4 flush batches late on midnight shift. MOD states to use 2 bags of Versal for 4 flush batches. We can only make 3 batches with 2 bags of Versal.

Make sure we are greasing end seals once per shift when running.

#3 RC / D-0717 Flush next:

Continue with cleanup sheet.

Make sure to seal pouches on labels (we have had a few fall out).

#4 RC / D-0226 14x28 next:

Holding to see if we want to slow down the feed rate on 1 before starting. Calciner is up to temperature. Had issues with burners kicking out. More material is staged in the rail shed.

#5 RC / Catoxid:

Still having issues with lighting the calciner. Electricians are working on it. Eliott pulled the high level probe on the feed end- due to it acting up.

Make sure that we are not staging bags for #4 by #5- we would not want to accidentally feed one of them.

When running, feed Hopper should not be filled past 2 feet below the top to allow room for blowdowns. HEPA filter was last changed out 6-11-16 on dayshift.

#6 RC & Dryer / D-0257:

Continue feeding. **We discovered that there was a hole in the fines screen, new one has been installed. Should consider rescreening the 5 drums of fines at the end of the run.**

Sly scrubber pumps have been switched back over due to the line on the south pump leaking. 6-28-16. WOW No change in flow rates or trends.

A partial bag and 3 drums of material need to be refed – labeled and put on 2nd floor.

Close top of bags with wire tie and place on our dock #3 trailer.

Make sure the material has aged before feeding to the dryer.

West Pfaudler / Cu-0228:

Second batch unloading late on first shift. Continue to run batches – see new batch sheet in MOD.

Leave bags open to air dry after unload.

East Pfaudler / D-0257:

Restart batches. All buggies were full on midnight shift as well as the hopper. We need to keep the area under the Pfaudler hopper cleaner. It was noted that there were a lot of PM extrusions around on the ground by the team that came through.

WE ARE USING THE NEW BLUE BUGGIES.

6 Tank / D-0228 solution:

Ok to use.

7 Tank / Cleaning:

Need to rinse out the tank and put the solution in the tote of solution that was toted off. Label it as D-0226 solution, we may use it in an upcoming run.

National Dryer / cleaning:

We need to finish up the cleaning for the next material.

Schirmer to soda blast.

PK Blender / Catoxid:

Discharge valve was repaired on day shift. We are waiting for the repair of the new discharge chute. Keep down until Thursday when repairs will be done. Three batches of sterotex/graphite have been made up and sent to the North end.

Continue with Catoxid as we have manpower.

Removed the rubber discharge cloth. Need to talk with operators on how to operate the new chute. Apparently a bunch of them did not know it was modified.

Check bag house DP before starting each batch.

Flow meter is installed but not calibrated yet. DO NOT USE- trying to get it calibrated.

DP Gauge should be set at 3.5 and 4.25.

Abbe Blender / :

HF tote has been closed up and Abbe lid was removed and vessel cleaned out. Cover plates over open hole in floor have been reinstalled.

Tower 3 / E 474:

Tower was unloaded on afternoon shift and washed down. We are 6 bags short of loading this tower. Need to locate material- should be in pole barn.

Tower 6 / E 474:

Tower was loaded on midnight shift. hold until we have #3 and #4 running and screener switched out. We will try and start up on Friday.
Do not start until we are done doing the 406 on the screener and 0860 screening has started.
O2 meter is out for repairs.

North Screener / ?:

Holding for engineering. Should be fixed during shutdown.

South Screener / Cu 0860:

Switched over to Cu 0860 and ready to run.

If you wash down drums with water you need to dry them off – the green drums are very prone to rust.

#2662 (west) Pill Machine / Al 3915:

Running. We do not need to test the samples from the North.

#2664 (east) Pill Machine /:

Running. We do not need to test the samples from the North.

TK #2 / Zr-0404:

Done. Blowers have been turned off and kiln is down.

Leave the saggars on - we don't know what product we will be going to next.

TK #4 / 103 GP screening:

Out of feed. Need to see if we have more.

Keep feeder set at 50 and keep that area cleaned.

Harrop Kiln / Al-3920:

Continue to run. We will no longer be refeeding the oversized material. Empty the bucket into the labeled oversize drum and it will be rescreened in PR2.

Approx 3 bags ahead of kiln.

We need to stop feeding hot material to the screener by making a large pile on the top of the screener then turning it on after the material has cooled. By overloading the screener we are causing the product to not screen correctly and this putting us out of spec on this material. We must now rescreen a bunch of material we have already made. Please allow cars to come around and cool, and feed the screener only if you are able to keep the screener running.

Building 27 Belt Filter / Cu 6081:

We need to run this station as much as possible.

Continue, and be sure to hand in / fill out SAP sheets.

Jeff has updated the batch sheets and we are okay to run. Jeff will provide training on the new Walk The Line requirements.

We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.

Top 14 are important enough to keep running and staffed, top 6 cannot afford to have additional production interruptions.

- 1) #6RC/East Pfaudler**
- 2) West Pfaudler**
- 3) #4 RC/Trimer**
- 4) #1 MED/RC/Trimer**
- 5) #1 RC North**
- 6) North CUAPV (to keep #1 RC North running)**
- 7) South Precip/APV (PPT is low on feed)
- 8) #2 MED/RC
- 9) #3 MED/RC/CTO
- 10) Horne Machine
- 11) Harrop Kiln
- 12) South PK
- 13) #5 RC
- 14) North PK/Wyssmont

- 15) Screening 103 GP TK #4 Screener
- 16) Reduction Towers/Screening
- 17) PR2 103 GP
- 18) PR2 AI-3915 T
- 19) Kneader
- 20) PR2 Cu-0864 T